



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Divisional Application of:

T. Lin et al

Serial No.: 09/721,851

Filed: 11/24/2000

FOR: METHOD OF MAKING A SPIN VALVE  
READ HEAD WITH ANTIFERRO-  
MAGNETIC OXIDE FILM AS  
LONGITUDINAL BIAS LAYER AND  
PORTION OF FIRST READ GAP

Group Art Unit: 3729

Examiner: Paul D. Kim  
Attorney Docket SJO919980026US2

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

AMENDMENT

In response to the Office Action mailed 05/07/2003 please amend the application as follows.

07/30/2003 SZEWDIE1 00000091 090442 09721851

01 FC:1202 72.00 DA

Please type a plus (+) sign inside this box -

+


3729/1

PTO/SB/21 REV. 1 (12/97)

Approved for use through 09/30/2000. omb 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 <b>TRANSMITTAL FORM</b> <i>to be used for all correspondence after initial filing)</i>	Application Number	09/721,851	
	Filing Date	11/24/2000	
	First Named Inventor	T. Lin et al	
	Examiner Name	Paul D. Kim	
	Group Art Unit	3729	
Total Number of Pages in This Submission	15 + postcard	Attorney Docket Number	SJO919980026US2

**ENCLOSURES (check all that apply)**

☒ Fee Transmittal Form

☐ Fee Attached

☒ Amendment/Response

☐ After Final

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ PTO Form 1449

☐ (no.) cited references

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/Incomplete Application

☐ PTO Form 1533

☐ Response to Missing Parts Under 37 CFR 1.52 or 1.53

☐ Assignment w/Recordation Sheet

☐ Drawing(s)

☐ Request for Drawing Amendment

☐ Licensing-related Papers

☐ Petition Checklist and Accompanying Petition

☐ To Convert a Provisional Application

☐ Power of Attorney, Revocation

☐ Change of Correspondence Address

☐ Terminal Disclaimer

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Additional Enclosure(s)  
(please identify below):

POSTCARD

Remarks:

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TECHNOLOGY CENTER R3700

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm  
or  
Individual Name

Ervin F. Johnston  
Reg. No. 28,190

Signature

Date

July 25, 2003

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date:

July 25, 2003

Typed or printed name

Ervin F. Johnston

Signature

Date

July 25, 2003

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12

See 37 C.F.R. §§ 1.27 and 1.28

Complete If Known

Application Number 09/721,851

Filing Date 11/24/2000

First Named Inventor T. Lin et al

Examiner Name Paul D. Kim

Group / Art Unit 3729

Attorney Docket No. SJO919980026US2

TOTAL AMOUNT OF PAYMENT (\$ 72.00)

**METHOD OF PAYMENT (check one)**1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:Deposit Account Number 09-0442  
Deposit Account Name International Business Machines Corp.☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
101 750	201 375	Utility filing fee	
106 330	206 165	Design filing fee	
107 520	207 260	Plant filing fee	
108 750	208 375	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
31 - 27** = 4	x 18	= 72.00	
Independent Claims 5 - 5** = 0	x 84	=	
Multiple Dependent Claims	x	=	

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description
Code (\$)	Code (\$)	
103 18	203 9	Claims in excess of 30
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		72.00

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 410	216 205	Extension for response within second month	
117 930	217 465	Extension for response within third month	
118 1,450	218 725	Extension for response within fourth month	
128 1,970	228 985	Extension for response within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive unavoidably abandoned application	
141 1,300	241 650	Petition to revive unintentionally abandoned application	
142 1,300	242 650	Utility issue fee (or reissue)	
143 470	243 235	Design issue fee	
144 630	315 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
126 180	126 180	Submission of Information Disclosure Stmt	
146 750	246 375	Filing a submission after final rejection (37 CFR 1.129(a))	
179 750	249 375	Request for continued examination (RCE) (37 CFR 1.114)	

Other fee (specify) Terminal Disclaimer

Other fee (specify)

SUBTOTAL (3) (\$)

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AUG 04 2003

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\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or Printed Name Ervin F. Johnston

Signature

**COMPLETE (if applicable)**

Reg. Number 20,190

Date July 25, 2003